

# 955-CE Bachelor of Engineering (Computer) and Bachelor of Commerce

<b>Year and Campus:</b>	2008
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Level:</b>	Undergraduate
<b>Duration &amp; Credit Points:</b>	
<b>Contact:</b>	-
<b>Course Overview:</b>	<p>The combined BE(IT)/BCom and BE/BCom course in engineering (computer) and commerce, must satisfy the following requirements:</p> <ul style="list-style-type: none"> <li># All requirements of the chosen stream of the BE(IT) or BE course must be satisfied, except that the requirement for physics is waived. For the software engineering stream the requirement for 431-202 Engineering Analysis B is also waived. However, students in the computer and electrical streams are strongly encouraged to complete 640-142 Physics B as an additional elective, as a number of the 300-level and 400-level elective subjects in electrical engineering require physics as a prerequisite. Students must complete a total of 300 engineering points.</li> <li># The remaining elective subjects to make up 400 points for the award of the engineering degree, including the non-technical requirements of the computer and electrical engineering streams, are credited from the commerce subjects undertaken.</li> <li># A total of 200 commerce points must be completed. These include the five compulsory subjects 316-101 Introductory Macroeconomics, 316-102 Introductory Microeconomics, 316-130 Quantitative Methods 1, 325-201 Organisational Behaviour and 316-205 Introductory Econometrics; at least 50 points at 100-level; and at least 50 points at 300-level.</li> </ul> <p>Students are required to complete a total of 500 points in Bachelor of Engineering (Civil)/ Bachelor of Commerce degree</p> <p>Typical course plans for the three engineering streams of this combined degree appear below.</p>
<b>Objectives:</b>	-
<b>Subject Options:</b>	<p>THERE WILL BE NO FIRST YEAR ENTRY INTO THIS DEGREE IN 2008</p> <p>Note: Students who commenced 1st year in 2007 who have not completed, (or who have failed), the first year subjects required in the Bachelor of Engineering degree please see a course advisor.</p> <p><b>Second year</b>  <b>Semester 1</b>  431-102 Digital Systems 1: Fundamentals 12.5  Subjects from other degree as required 37.5  <b>Semester 2</b>  433-152 Algorithmic Problem Solving (Advanced) 12.5  or  433-172 Algorithmic Problem Solving 12.5  Subjects from other degree as required 37.5</p> <p><b>Third year</b>  <b>Semester 1</b>  431-201 Engineering Analysis A 12.5  431-204 Digital Systems 2: System Design 12.5  431-210 Electrical Circuits 2 12.5  Subject from other degree as required 12.5  <b>Semester 2</b>  431-202 Engineering Analysis B 12.5  431-222 Electronic Circuit Design 1 12.5  431-221 Fundamentals of Signals and Systems 12.5  Subject from other degree as required 12.5</p> <p><b>Fourth year</b>  <b>Semester 1</b>  431-330 Design Laboratory 12.5</p>

	<p>433-252 Software Engineering Principles &amp; Tools 12.5  433-253 Algorithms and Data Structures 12.5  Subject from other degree as required 12.5</p> <p><b>Semester 2</b>  431-328 Digital Systems 3: Circuits and Systems 12.5  433-254 Software Design 12.5  433-313 Computer Design 12.5  Subject from other degree as required 12.5</p> <p><b>Fifth year</b>  <b>Year-long</b>  431-400 Project Work 25</p> <p><b>Semester 1</b>  431-325 Stochastic Signals and Systems 12.5  433-332 Operating Systems 12.5  Subject from other degree as required 12.5</p> <p><b>Semester 2</b>  431-467 Digital Systems 4: High Speed Systems 12.5  433-353 Networks and Communications 12.5  Subject from other degree as required 12.5</p>
<b>Entry Requirements:</b>	-
<b>Core Participation Requirements:</b>	-
<b>Further Study:</b>	-